

New Jersey's DRAFT Global Warming Response Act Recommendation Report



Background

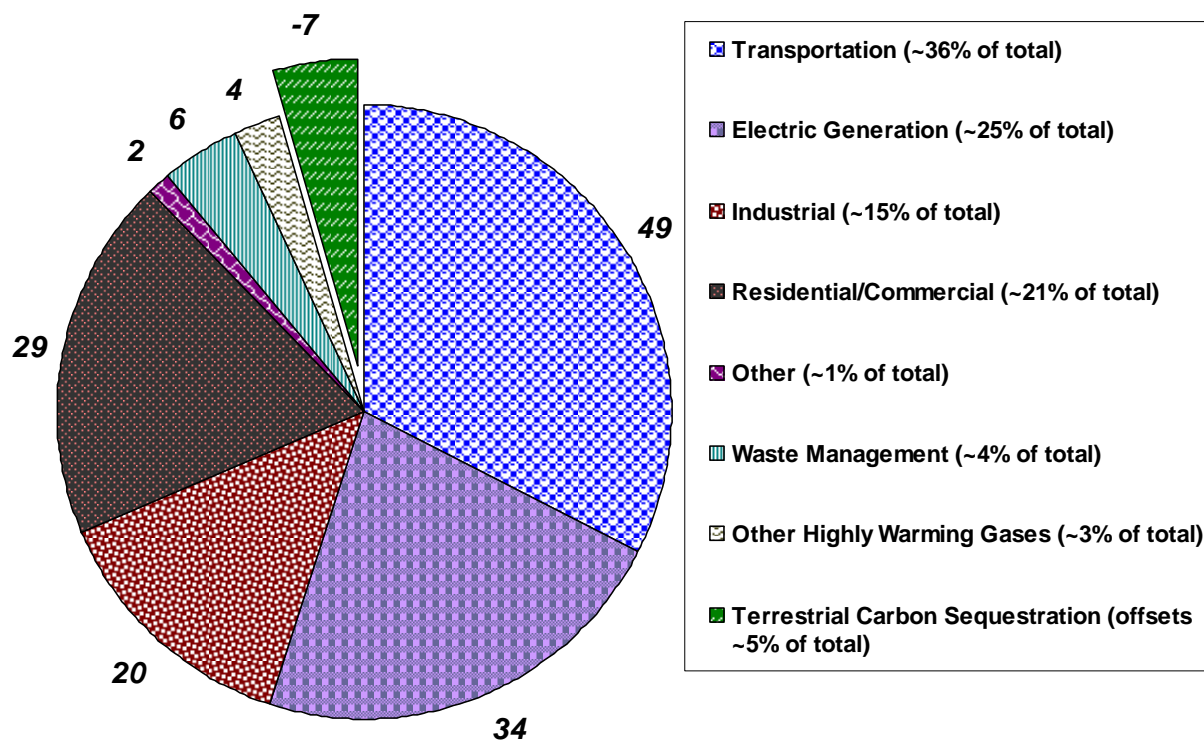
- Governor Corzine established, thru E.O. 54 and then the Global Warming Response Act (GWRA) Statewide GHG limits:
 - Reduce GHG emissions to 1990 levels by 2020, approximately a 25 percent reduction below estimated 2020 business-as-usual (BAU) emissions.
 - Further reduce GHG emissions to 80 percent below 2006 levels by 2050.
- NJDEP, in collaboration with its sister agencies, is required to submit periodic “action plan” reports to the Governor and State Legislature.

New Jersey's First Plan Submittal

- Released for stakeholder review on December 15, 2008
- Focuses on actions to meet the 2020 GHG limit, but incorporated a “framework” for addressing 2050 GHG limit
- Demonstrates that the State can meet, and exceeding, the 2020 limit.
- Doubles as the Transportation piece of the Energy Master Plan (EMP)
- Includes a schedule for actions over the next 18 months.

GHG Inventory

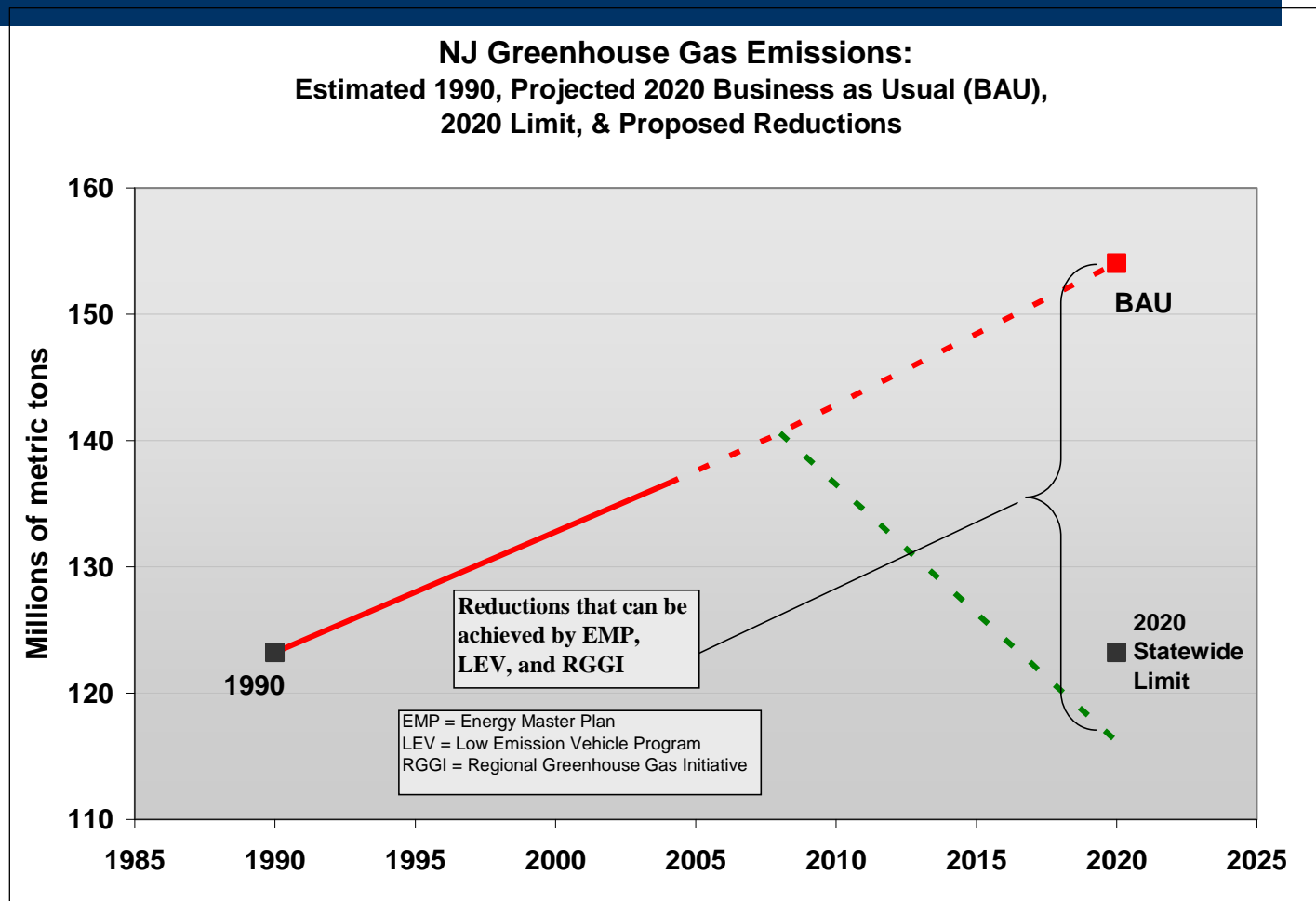
GHG Emissions by Sector; New Jersey, 2004
Millions of Metric Tons CO₂eq



2020 “Core” Recommendations

- The three “core” actions, which, if fully successful and fully implemented on schedule, will ensure that the State exceeds its 2020 statewide GHG limit, are:
 - Energy Master Plan (EMP);
 - State’s Low Emission Vehicle (LEV) program; and,
 - Regional Greenhouse Gas Initiative (RGGI) program

Impact of the 2020 Core Recommendations



2020 “Supporting” Actions

- 40 recommendations
 - 22 Transportation Related
 - 18 related to the other areas of the GHG inventory
- Concrete actions, beyond the core 2020 recommendations, that can, and should, be implemented immediately
- Designed to allow the State to exceed its 2020 limit on its way to meeting its 2050 limit, and providing a cushion for the core 2020 actions.

2050 Framework

Framework for attaining the 2050 GHG limit that focuses on taking aggressive action in the following key sectors:

- land use planning and transportation;
- terrestrial carbon sequestration;
- energy efficiency and renewable energy; and,
- new technologies and markets that support a climate-friendly economy.

Adaptation

- Adaptation planning at all levels of government is key to minimizing the public health, environmental and economic damage that is expected to increase in the coming years and undoubtedly will require individual change to reduce vulnerability in the long term.
- The State proposes to engage experts from academia, government, non-governmental organizations, and the business community in developing policy recommendations on the most pressing adaptation policies New Jersey should adopt to significantly reduce the State's risks from climate change impacts.

18-Month Plan

- Final report chapter outlines the critical steps that must be taken over the next 18 months to implement the recommendations in this Report.
- Actions are categorized as follows:
 - federal recommendations,
 - State legislation,
 - State rulemaking,
 - implementation,
 - additional research and workgroup formation, and
 - 2050 initiatives.
- In addition, all of the 2020 supporting recommendations for the transportation sector that are discussed in Appendix 5 must begin implementation within the next 18 months.